

Key Stage Three Curriculum

The New Curriculum at Key Stage 3 is designed to:

- Build on calculation methods and mathematical knowledge from primary school
- Develop fluency with thorough practice using new mathematical ideas in a wide range of contexts
- Improve mathematical reasoning so students can apply their skills in real life, 'functional' situations
- Increase competency so that students learn to solve increasingly sophisticated problems

All of this contributes to students' **'Mathematical Mastery'**, where their progress is identified by the strength of their skills and depth of understanding, providing a solid foundation for the next Key Stage. Students will work through this scheme in Year 7 and Year 8.

At KS3 students will study 5 key areas of maths and will learn to make links between them:

Number – Algebra – Data Handling – Geometry – Ratio and Proportion

Students are placed in sets, based on their KS2 score, at the end of September in Year 7. The setting is reviewed every term and decisions are made based on performance in topic tests, attitude to learning and progress made throughout the term.

Setting in Key Stage 3 is as follows:

Year 7

Forms A, B, C, F – 7L1, 7L2, 7L3 and 7L4

Forms H, M, P, W – 7R1, 7R2, 7R3 and 7R4

Year 8

Forms A, B, C, F – 8L1, 8L2, 8L3, 8L4 and 8L5

Forms H, M, P, Q – 8R1, 8R2, 8R3 and 8R4.

Schemes of Work for Y7 and Y8

Please refer to separate links.

Equipment

Students are expected to have the following at each lesson:

Pen, pencil, ruler, protractor, a pair of compasses, scientific calculator

Homework

Homework is set each week, and is generally consolidation questions based on the topics covered in the lessons. Occasionally students will need a computer to complete their homework using the MyMaths website. Homework should last between 20 and 30 minutes, however, extended pieces may be given.